| Inde | ex of Cla | aims |
|------|-----------|------|
|      |           |      |

| App | lication | No |
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10/675,022

Examiner

Applicant(s)

JIAN, YONG-TIE

Art Unit

Mark A. Robinson 2872

✓ Rejected= Allowed

| - 1 | (Through numeral)<br>Cancelled |
|-----|--------------------------------|
| ÷   | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| Α | Appeal   |
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| 0 | Objected |

| Cla   | im   | L_           |  |          | - (      | Date   | •        |          | _        | _               |
|-------|--|--------------|--|----------|----------|--|----------|----------|----------|-----------------|
| Final | Original                                     | 12/1/02      |  |          |          |  |          |          |          |                 |
| - "   | 1  | /            |  |          |          |  |          |          |          |                 |
|       | 2  | 1            |  |          |          |  |          |          |          |                 |
|       | 3  |              |  |          |          |  |          |          |          |                 |
|       | 4  | <u> </u>     |  |          |          |  |          |          |          | Щ               |
|       | 5  |              | <u></u>  |          |          |  |          |          |          |                 |
|       | 1<br>2<br>3<br>4<br>5<br>6                   | <u> </u>     |  |          |          |  |          |          |          |                 |
|       | 8  | $\vdash$     | _  |          |          | ┝  |          |          |          |                 |
|       | 9  | ┢            | -  | H        |          |  |          |          |          |                 |
|       | 10   | ┢            |  |          |          |  |          |          |          |                 |
|       | 11   |              | _  |          |          | -  |          |          |          |                 |
|       | 12   |              |  |          |          |  |          |          |          |                 |
|       | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 |              |  |          |          |  |          |          |          |                 |
|       | 14   | <u> </u>     | _  |          |          |  | _        | _        |          | Ш               |
|       | 15   | <u> </u>     |  | _        | _        |  |          |          | _        | Ш               |
|       | 16   | <del> </del> | _  | <b> </b> | -        | $\vdash$   |          | <u> </u> | _        | $\vdash\vdash$  |
|       | 10   | -            |  | -        | ┝        | -  |          |          | _        | Н               |
| -     | 19   | -            | <del> </del>                                     | $\vdash$ | $\vdash$ | _  | _        |          |          | =               |
|       | 20   |              |  |          |          |  |          |          |          | H               |
| -     | 20<br>21<br>22                               | -            |  |          |          |  |          |          |          | П               |
|       | 22   |              |  |          |          |  |          |          |          |                 |
|       | 23<br>24<br>25                               |              |  |          |          |  |          |          |          |                 |
|       | 24   | <u> </u>     | <u> </u>   | _        | <u> </u> | _  |          |          |          |                 |
|       | 25   |              | <u> </u>   |          | <u> </u> | <u> </u>   | _        | _        | ┝        |                 |
|       | 26<br>27<br>28                               | -            | <del>                                     </del> | -        | _        | -  | ļ        |          | -        |                 |
|       | 28   | -            | ┢  | -        | -        | $\vdash$   | -        |          | ├        | _               |
|       | 29   | $\vdash$     | ┢  | ├        | $\vdash$ |  | <u> </u> | -        | ┢        | _               |
|       | 29<br>30                                     | ┢            | $\vdash$   | $\vdash$ |          | $\vdash$   |          | _        | $\vdash$ |                 |
|       | 31   |              |  |          |          |  |          |          |          |                 |
|       | 32<br>33                                     |              |  |          |          |  |          |          |          |                 |
|       | 33   | _            |  |          |          |  | 匚        |          | L_       | Щ               |
|       | 34<br>35                                     | <u> </u>     |  | _        |          | <u> </u>   | <u> </u> | _        | _        | Ш               |
|       | 35   | ļ            |  | -        | _        | _  | -        |          | -        | H               |
|       | 36<br>37                                     |              | <del> </del>                                     | -        | ┝        |  | ├—       | ├─       | -        | $\vdash\vdash$  |
|       | 38   | ┢╌           | ┢  |          | $\vdash$ |  | ├─       | -        | -        | Н               |
|       | 39   | ╁            |  |          |          |  | ┢        |          |          | H               |
|       | 40   | T            |  |          |          | Г  | Г        |          |          | П               |
|       | 41   |              |  |          |          |  |          |          |          |                 |
|       | 42   |              |  |          |          |  |          |          |          |                 |
|       | 43   | <u> </u>     | <u> </u>   |          | <u> </u> | _  | _        | <u> </u> | <u> </u> | $\sqcup$        |
|       | 44   | ļ            | <u> </u>   | -        | <u> </u> | <u> </u>   | -        | _        | <u> </u> | Н               |
|       | 45<br>46                                     | $\vdash$     | -  | -        | $\vdash$ | -  | H        | $\vdash$ | <u> </u> | $\vdash \vdash$ |
|       | 46   | +-           | -  | $\vdash$ | $\vdash$ | -  | -        |          | +        | H               |
|       | 48   | H            | H  | $\vdash$ | _        | <del>                                     </del> | $\vdash$ | $\vdash$ | $\vdash$ | H               |
|       | 49   | $\vdash$     | $\vdash$   | t        | <u> </u> |  | Т        | $\vdash$ |          | Н               |
|       | 50   |              |  | Г        |          |  |          |          |          | 口               |
|       |  |              |  |          |          | •  | •        |          |          |                 |

|   | Cla  | Date     |              |              |  |  |  |  |  |  |          |
|---|--|----------|--------------|--------------|--|--|--|--|--|--|----------|
|   | Final  | Original |              |              |  |  |  |  |  |  |          |
|   |  | 51       |              |              |  |  |  |  |  |  |          |
|   |  | 51<br>52 |              |              |  |  |  |  |  |  |          |
|   |  | 53       |              |              |  |  |  |  |  |  |          |
|   |  | 54       |              |              |  |  |  |  |  |  |          |
|   |  | 55       |              |              |  |  |  |  |  |  |          |
|   |  | 56<br>57 |              |              |  |  |  |  |  |  |          |
|   |  | 57       |              |              |  |  |  |  |  |  |          |
|   |  | 58       |              |              |  |  |  |  |  |  |          |
|   |  | 59       | П            |              |  |  |  |  |  |  |          |
| ĺ |  | 60       |              |              |  |  | Г  |  |  |  |          |
|   |  | 61       |              |              |  |  |  |  |  |  |          |
|   |  | 62       |              |              |  |  |  |  |  |  |          |
|   |  | 62<br>63 |              |              |  |  |  |  |  |  |          |
|   |  | 64<br>65 |              |              |  |  | $\vdash$   | T  |  |  |          |
|   |  | 65       |              |              |  |  | _  |  |  |  |          |
|   |  | 66       |              |              | Г  |  | <u> </u>   |  |  |  |          |
|   |  | 67       |              |              |  |  |  |  |  |  |          |
|   | _  | 68       |              |              | ١.   | $\vdash$   | _  |  |  |  |          |
|   |  | 69       |              |              | ┈  | -  | -  |  |  |  | _        |
|   |  | 70       | $\vdash$     | _            | -  | -  |  |  |  | -  | _        |
|   |  | 70<br>71 | $\vdash$     | _            | -  | $\vdash$   |  | <u> </u>   |  | $\vdash$   | _        |
|   |  | 72       |              |              | -  | $\vdash$   |  | $\vdash$   | -  |  | $\vdash$ |
|   |  | 73       |              | -            | -  |  |  | <u> </u>   | <del>                                     </del> | -  | ┢        |
|   | ├──  | 73<br>74 | $\vdash$     | -            | ⊢  | <del> </del>                                     |  | $\vdash$   |  | <del>                                     </del> | ┢        |
|   | ├─   | 75       | H            |              | ┢  | ┢  | $\vdash$   | $\vdash$   | $\vdash$   | _  | _        |
|   | <del> </del>                                     | 75<br>76 |              | $\vdash$     | ├  |  | ┢  | $\vdash$   | $\vdash$   | -  | ┢        |
|   | <del>                                     </del> | 77       |              |              | $\vdash$   | -  | $\vdash$   | ┢  |  | -  | _        |
|   |  | 78       |              | ┢            | ┢  | -  | ┢  | $\vdash$   | $\vdash$   |  |          |
|   |  | 79       | -            | -            | H  | H  | -  | -  |  | H  | ┢┈       |
|   | <u> </u>   | 80       | -            | $\vdash$     |  | -  | ├─   |  | $\vdash$   |  | ┢        |
|   |  | 81       | -            | -            | 1  |  | -  | <del>                                     </del> | ├  | $\vdash$   | $\vdash$ |
|   |  | 82       | Η-           | $\vdash$     | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$ |
|   | -  | 83       | $\vdash$     | $\vdash$     | $\vdash$   | <del>                                     </del> | $\vdash$   | <del> </del>                                     | $\vdash$   | $\vdash$   | $\vdash$ |
|   | <u> </u>   | 84       | $\vdash$     | $\vdash$     | <del>                                     </del> | -  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | -        |
|   | <del> </del>                                     | 85       | $\vdash$     | $\vdash$     | +-   | ┝  | ├  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ |
|   | <u> </u>   | 86       | $\vdash$     | $\vdash$     |  | $\vdash$   | ├─   | $\vdash$   | $\vdash$   | $\vdash$   | -        |
|   | <del> </del>                                     | 87       | $\vdash$     | $\vdash$     | <del>                                     </del> | <del>                                     </del> | $\vdash$   | -  | $\vdash$   | $\vdash$   | $\vdash$ |
|   | <del>                                     </del> | 88       |              | $\vdash$     |  | $\vdash$   | $\vdash$   | -  | $\vdash$   | $\vdash$   | $\vdash$ |
|   | <u> </u>   | 89       | $\vdash$     | $\vdash$     | $\vdash$   | -  | ┰  | <del> </del>                                     |  | $\vdash$   | $\vdash$ |
|   | <del> </del>                                     | 90       | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$   | -  | -  | $\vdash$   | $\vdash$   | ┢        |
|   | $\vdash \vdash$                                  | 91       | -            | $\vdash$     |  | $\vdash$   | -  | <del>                                     </del> |  |  | $\vdash$ |
|   | <u> </u>   | 92       | ├            | $\vdash$     | $\vdash$   | -  | -  | 1  | 1  |  | $\vdash$ |
|   |  | 93       | <u> </u>     | -            | ├  | $\vdash$   | -  | $\vdash$   | $\vdash$   |  | $\vdash$ |
|   | <del>                                     </del> | 94       | <del> </del> | $\vdash$     | $\vdash$   | $\vdash$   | <del>  -</del>                                   | <del> </del>                                     | $\vdash$   | <del>  -  </del>                                 | $\vdash$ |
|   | <u> </u>   | 95       | $\vdash$     | $\vdash$     | $\vdash$   |  | ┢  | <del> </del>                                     | $\vdash$   |  | $\vdash$ |
|   |  | 96       | ├            | <del> </del> | ├  | $\vdash$   | $\vdash$   | -  |  |  | $\vdash$ |
|   | -  | 97       | $\vdash$     | -            | $\vdash$   | $\vdash$   | -  | <del> </del>                                     | +  |  | ┪        |
|   |  | 98       | $\vdash$     | <u> </u>     | ├-   |  | -  | $\vdash$   |  | -  | -        |
|   | <u> </u>   | 99       | ╁╾           | $\vdash$     | -  | $\vdash$   | $\vdash$   |  | ├─   | $\vdash$   |          |
|   | <u> </u>   | 100      | $\vdash$     | $\vdash$     | $\vdash$   | -  | $\vdash$   | +-   | -  | $\vdash$   | $\vdash$ |
|   |  | 1100     | <u> </u>     | <u></u>      | <u> </u>   |  | <u> </u>   | <u>i</u>   |  | Ц_   | L        |

|             |                   | لـــا        |  | _        |          |  |  |          |  |                 |
|-------------|-------------------|--------------|--|----------|----------|--|--|----------|--|-----------------|
| <del></del> |                   | _            |  |          |          |  |  |          |  |                 |
| Cli         | aim               |              |  | - ,      | Ĺ        | Date   | <u>;                                    </u>     | _,       |  | ႕               |
| Final       | Original          |              |  |          |          |  |  |          |  |                 |
| <u> </u>    | 101<br>102        |              | _  | _        |          |  |  |          |  |                 |
|             | 102               |              |  |          |          |  |  |          |  |                 |
| -           | 103               |              |  |          |          |  |  |          |  | $\neg$          |
| · · ·       | 104               |              |  | _        |          |  |  |          |  | $\neg$          |
|             | 103<br>104<br>105 |              | -  |          |          | -  |  |          |  | $\dashv$        |
|             | 106               |              |  |          |          | Н  |  |          | -  | $\vdash$        |
| _           | 106<br>107        |              |  |          |          | $\vdash$   |  |          |  | H               |
|             | 108               |              |  |          |          | _  |  |          |  | Н               |
|             | 108<br>109        |              |  | -        | _        |  | _  |          |  | $\vdash$        |
| <b> </b>    | 110               | $\vdash$     |  |          |          |  |  |          |  | $\vdash$        |
|             | 111               |              |  |          | _        |  |  |          | -  | H               |
|             | 112               |              |  |          | $\vdash$ |  |  |          | -  | Н               |
|             | 112<br>113        | $\vdash$     | $\vdash$   |          |          |  |  | _        |  | $\vdash$        |
|             | 114               | Н            | $\vdash$   |          |          | Н  |  |          | -  | H               |
|             | 114<br>115        |              |  |          |          |  |  | П        | _  |                 |
| -           | 116               |              |  |          |          |  |  |          |  |                 |
| -           | 117               |              |  | _        |          |  |  |          |  |                 |
|             | 118               |              |  |          |          |  |  |          |  |                 |
|             | 119               |              |  |          |          |  |  |          |  |                 |
|             | 120               |              |  |          |          |  |  |          |  |                 |
|             | 119<br>120<br>121 |              |  | L        |          |  |  |          |  | Ш               |
|             | 122               | L            |  |          | _        |  | <u> </u>   |          |  | Ш               |
|             | 122<br>123<br>124 | _            |  |          | <u> </u> | _  | ļ  | <u> </u> |  | Щ               |
| <u> </u>    | 124               |              | <u> </u>   | _        | <u> </u> | <u> </u>   | ļ  | <u> </u> | _  | $\vdash \vdash$ |
| <u> </u>    | 125               | <u> </u>     | <u> </u>   | _        | _        | ├  | ┝  | _        | -  | $\vdash$        |
| <b>-</b>    | 125<br>126<br>127 | ├-           | _  |          | _        | _  |  |          |  | $\vdash$        |
|             | 127               | ├            | <del>                                     </del> |          |          | _  |  |          | -  | Н               |
| ļ           | 128<br>129        | -            | -  | ┝        | -        | $\vdash$   | ┢  |          | -  | Н               |
|             | 130               | -            | -  | ├-       |          | $\vdash$   | ┝  |          | -  | Н               |
|             | 130<br>131        |              | ┢  | -        | -        |  | <del>                                     </del> | ┢        | _  | Н               |
|             | 132               |              | -  | -        | -        |  | ┢  | -        | -  | Н               |
|             | 133               |              | -  |          |          |  |  | $\vdash$ |  | H               |
|             | 133<br>134        | $\vdash$     | $\vdash$   | -        |          | t  | 一  |          | <del>                                     </del> | H               |
|             | 135               |              | Т  | <u> </u> |          | 1  |  |          | T  | П               |
|             | 136               |              | Γ  |          |          |  |  |          |  |                 |
|             | 136<br>137        |              |  |          |          |  |  | L        |  |                 |
|             | 138               |              |  |          |          |  |  |          |  |                 |
|             | 139               |              |  |          |          |  |  | 匚        | 匚  |                 |
|             | 140               |              |  |          | _        | ļ  | lacksquare                                       | Ĺ        | _  | Щ               |
|             | 141               | L            | <u></u>  | <u> </u> |          | <u> </u>   | <u> </u>   | <u> </u> | _  | Ш               |
| <u> </u>    | 142               | _            | <u> </u>   | _        | L.       |  | <u> </u>   | <u> </u> | ├-   | Ш               |
| <u> </u>    | 143               | <u> </u>     | <u> </u>   | <u> </u> | _        | <u> </u>   | <u> </u>   | -        | $\vdash$   | $\vdash$        |
|             | 144               | -            |  | -        | -        | <del> </del>                                     | ⊢  | ⊢        | ⊢  | $\vdash$        |
| <u> </u>    | 145               | $\vdash$     | ⊢  |          | -        | $\vdash$   | ├-   | ├        | -  | $\vdash$        |
| -           | 146               | <del> </del> | <del> </del>                                     | ⊢        | -        | ├  | -  | $\vdash$ | $\vdash$   | $\vdash \vdash$ |
|             | 147<br>148        | ┢            |  | -        | -        | <del> </del>                                     | -  | -        | -  | $\vdash \vdash$ |
|             | 149               | ╁┈           | H  | -        | $\vdash$ | <del>                                     </del> | ├  | $\vdash$ |  | Н               |
| -           | 150               | <del> </del> | <del>                                     </del> | $\vdash$ | $\vdash$ | H  | $\vdash$   | 一        |  | Н               |
| Щ.          | , ,,,,,           | Ц            | <u>.                                    </u>     | 1—       | Щ.       | _  |  |          | Ь.   | ш               |